

ABSTRACT OF THE DISCLOSURE

An integrated circuit 2 is provided with multiple sources 12, 14, 16, 18 of trace data streams that are input via respective dedicated trace buses 20, 24 to a trace data stream combiner 22, 26. The trace data bus has trace data signal lines ATDATA for carrying trace data signals and trace source identifying signal lines ATID for carrying trace source identifying signals. A trace data stream replicator 28 may be used to replicate a single trace data stream such that the resulting multiple trace data streams may be subject to different post-replication processing/filtering as desired.

[Figure 1]